



# D0 Status Report

Bill Lee  
FNAL

All Experimenters' Meeting  
3 January 2011



# Data Taking

	Delivered Lum (pb <sup>-1</sup> )	Recorded Lum (pb <sup>-1</sup> )	Efficiency (%)	Comment
--	--------------------------------------	-------------------------------------	-------------------	---------

20 Dec	9.92	7.38	74	1.75 hours down for a clock problem. 1.25 hours down for a rack blower failure.
21 Dec	6.45	5.33	83	Opportunistic Access to work on Silicon and Muon. Replaced bad clock cable. 30 minutes of problems with Silicon Track Trigger (STT) Crate.
22 Dec	12.58	8.34	66	Additional 2.5 hours of problems with STT crate. 1.25 hours of Muon problems. Access to recover two forward muon octants. Thanks.
23 Dec	9.40	8.78	93	
24 Dec	10.01	9.21	92	
25 Dec	5.62	5.30	94	
26 Dec	0.00	0.00		

<b>20-26 Dec</b>	<b>54.0</b>	<b>44.3</b>	<b>82</b>	
------------------	-------------	-------------	-----------	--

<b>December</b>	<b>217</b>	<b>187</b>	<b>86</b>	
-----------------	------------	------------	-----------	--

<b>2010</b>	<b>2349</b>	<b>2141</b>	<b>91</b>	
-------------	-------------	-------------	-----------	--



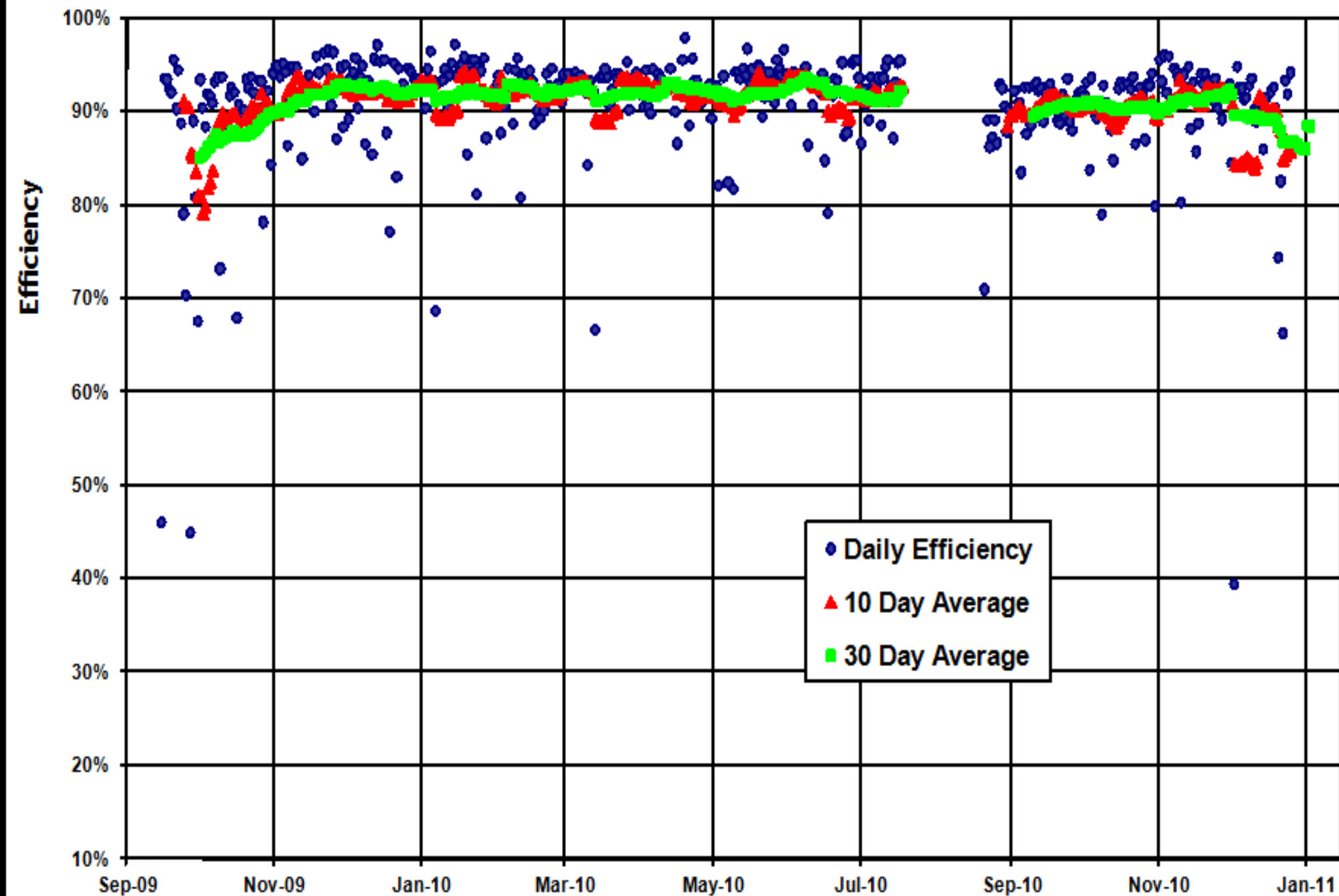
# Shutdown Activities

- Collision Hall in Supervised Access
  - Alignment surveyed D0 low beta quads.
  - Minor work done on the muon system.
  - Minor work done on the Level 1 muon system.
  - Minor work done on the Level 1 Cal Track system.
- Spent majority of the shutdown recording cosmic data.



# Daily Data Taking Efficiency

1 September 2009 - 2 January 2011





# Run II Integrated Luminosity

19 April 2002 - 2 January 2011

